

## Conservation

### PB2016102705

Assessment of the Effects of Conservation Practices on Cultivated Cropland in the Texas Gulf Basin. Summary of Findings.

Natural Resources Conservation Service, Washington, DC.

2015, 8p

#### Related Categories/Subcategories

48B - Natural Resource Management

57H - Ecology

98B - Agricultural Economics

68D - Water Pollution & Control

**Keywords:** Cultivated cropland, Texas Gulf Basin, Land use, Conservation practices, Soil resources

### PB2016102794

Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2014.

Environmental Protection Agency, Washington, DC. 2016, 558p.

#### Related Categories/Subcategories

68A - Air Pollution & Control

55C - Meteorological Data Collection, Analysis, & Weather Forecasting

**Keywords:** Greenhouse gases, Climate changes, Inventories

### PB2016102704

Quantifying Ecosystem Services Derived from Wetland Conservation Practices in the Glaciated Interior Plains: The Provision of Water Quality (and Carbon Sequestration ) Benefits.

Indiana Univ. at Bloomington. School of Public and Environmental Affairs.; Natural Resources Conservation Service, Washington, DC.

2012, 24p

#### Related Categories/Subcategories

48B - Natural Resource Management

57H - Ecology

68D - Water Pollution & Control

**Keywords:** Wetland ecosystems, Conservation, Water quality, Riparian areas, Carbon sequestration, Glaciated Interior Plains (GIP)

### PB2016102706

Assessment of the Effects of Conservation Practices on Cultivated Cropland in the Texas Gulf Basin.

Natural Resources Conservation Service, Washington, DC.

2015, 189p

#### Related Categories/Subcategories

48B - Natural Resource Management

57H - Ecology

98B - Agricultural Economics

68D - Water Pollution & Control

**Keywords:** Cultivated cropland, Conservation, Texas Gulf Basin, Land use, Conservation practices, Soil resources



### PB2016102709

Classification and Conservation Assessment of High Elevation Wetland Communities in the Allegheny Mountains of West Virginia.

West Virginia Dept. of Natural Resources, Elkins. Div. of Wildlife Resources. Environmental Protection Agency, Washington, DC.

2007, 547p

#### Related Categories/Subcategories

48B - Natural Resource Management

57H - Ecology

97R - Environmental Studies

**Keywords:** Conservation assessment, Wetland communities, Vegetation classification, Biodiversity, Allegheny Mountains (West Virginia), High elevation, Mixed swamps, Peatlands

## Newsletter

### National Technical Reports Library

**Purpose:** To bring you a sampling of the latest documents added to the NTIS Database and to help you gain a greater understanding of the wealth of scitech information available from the National Technical Information Service.

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**PB2016102711**

Work of the Civilian Conservation Corps: Pioneering Conservation in Louisiana.

Southern Forest Experiment Station, Pineville, LA. 2012, 72p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

98F - Fisheries & Aquaculture

**Keywords:** Civilian Conservation Corps (CCC), Louisiana, New Deal administration, Water conservation, Erosion control, Forestry

**PB2016102707**

Methods for Determining Biodiversity Metrics, Focal Species, and Conservation Practices for Multi-scale Analysis in Support of the Conservation Effects Assessment Project (CEAP).

New Mexico State Univ., Las Cruces; Natural Resources Conservation Service, Washington, DC. 2016, 93p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

**Keywords:** Biodiversity, management, Conservation practices, Land management, Focal species

**PB2016102712**

Conservation Buffers: Design Guidelines for Buffers, Corridors, and Greenways.

Forest Service, Asheville, NC. Southern Research Station.

2008, 136p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

**Keywords:** Conservation planning, Buffers, Conservation practice, Greenway, Riparian Streamside management zone, Windbreak, Vegetation, Filter strips

**Key to Database Fields Used**

The following NTIS database fields are used in this short listing of recently acquired technical reports.

- **NTIS Order Number**
- **Title**
- **Source**
- **Report Year, Page Count**
- **Report Number/ISBN13** (if available)
- **Related Categories/Sub-categories** (where the document is also indexed)
- **Keywords**

**RSS Feeds** are available in your choice of NTIS Subject Category. For information use the RSS link on the NTIS Homepage and look for the Category RSS Feeds button.



**PB2016102710**

Final Report: Conservation Assessment and Mapping Products for GPLCC Priority Fish Taxa.

Texas Univ. at Austin. Integrative Biology Dept.; Fish and Wildlife Service, Washington, DC.

2014, 46p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

98F - Fisheries & Aquaculture

**Keywords:** Conservation assessment, Great Plains Landscape Conservation Cooperative (GPLCC), Fish species, Species distribution models, Mapping, Biodiversity

**PB2016102708**

Effects of Conservation Practice Adoption on Cultivated Cropland Acres in Western Lake Erie Basin, 2003-06 and 2012.

Natural Resources Conservation Service, Washington, DC.

2016, 120p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

98B - Agricultural Economics

68D - Water Pollution & Control

**Keywords:** Cultivated cropland, Conservation, Western Lake Erie Basin, Land use, Conservation practices, Soil resources, Water resources, Farmers

**PB2016102713**

Best Practices for Integrating Ecosystem Services into Federal Decision Making.

Duke Univ., Durham, NC. Nicholas School of the Environment; Clark Univ., Worcester, MA; National Science Foundation, Washington, DC

2015, 54p

**Related Categories/Subcategories**

48B - Natural Resource Management

70F - Public Administration & Government

91A - Environmental Management & Planning

57H - Ecology

**Keywords:** Conservation, Benefit Relevant Indicators (BRIs), Decision making, Ecosystems, Federal resources, Best practices, Economic valuation, Data collection

**PB2016102714**

Estimating the Economic Impacts of Ecosystem Restoration: Methods and Case Studies.

Geological Survey, Reston, VA; Department of the Interior, Washington, DC. Office of Policy Analysis; Bureau of Land Management, Washington, DC.

2016, 104p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

98B - Agricultural Economics

48D - Forestry

**Keywords:** Conservation, Ecosystems, Restoration, Economic impacts, Restoration projects, Damage assessment, Land management, Wildlife habitats

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**PB2016102715**

Modeling Environmental Change: A Guide to Understanding Model Results That Explore the Impacts of Climate Change on Regional Environmental Systems.

Washington State Univ., Pullman; Department of Agriculture, Washington, DC. National Inst. of Food and Agriculture

2015, 12p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

55C - Meteorological Data Collection, Analysis, & Weather Forecasting

68G - Environmental Health & Safety

**Keywords:** Conservation, Environmental impacts, Climate change, Environmental change, Environmental models, Resource management

**PB2016102717**

Implementing the Pecos River WPP through Invasive Species Control and by Providing Technical and Financial Assistance to Reduce Agricultural Nonpoint Source Pollution.

Texas A and M Univ., College Station. Water Resources Inst.; Environmental Protection Agency, Washington, DC.

2013, 21p

**Related Categories/Subcategories**

48B - Natural Resource Management

57H - Ecology

98D - Agronomy, Horticulture, & Plant Pathology

57P - Pest Control

**Keywords:** Conservation, Pecos River Watershed Protection Plan (WPP), Agricultural Nonpoint Source Pollution, Invasive species, Pollution control, Watersheds, Land owners, Land use, Water quality, Grazing lands

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**Gregory G. Guthrie**  
**Program Manager**  
**National Technical Reports Library**  
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But in the current era of constrained resources and limited staff time, we find it hard to keep up with the quantity of documents we would like to make accessible to our patrons. These days we find that transportation agencies are dramatically scaling back their print runs, which has made the distribution mechanism we used in the past less feasible. Simultaneously our patrons have come to expect full-text desktop access to those reports.

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### **Donald M. Rosencrantz, Research Associate – Institute of Nautical Archaeology**

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### **NTIS provides a valuable service. - Univ. of Colorado Engineering Professor**



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Please feel free to contact me if you have any questions.

**Greg Guthrie**, Program Manager  
*National Technical Reports Library (NTRL)*  
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#### PB2016102718

[Establishing and Managing Early Successional Habitats for Wildlife on Agricultural Lands.](#)  
Missouri Univ., Columbia; Natural Resources Conservation Service, Washington, DC.  
2012, 20p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
98C - Agricultural Equipment, Facilities, & Operations  
57Z - Zoology

**Keywords:** Conservation, Bobwhite quail, Habitat management, Wildlife management, Agricultural lands, Wildlife habitats, Land management, Farm management

#### PB2016102722

[Restoration Works: Highlights from a Decade of Partnership between The Nature Conservancy and the National Oceanic and Atmospheric Administration's Restoration Center.](#)  
Nature Conservancy, Arlington, VA.; National Oceanic and Atmospheric Administration, Silver Spring, MD.  
2012, 100p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
47D - Biological Oceanography

**Keywords:** Marine habitats, The Nature Conservancy (TNC), National Oceanic and Atmospheric Administration (NOAA), Conservation, Restoration, Coastal habitats  
Diversity, Coastal waterways, Ecosystems, Communities

#### PB2016102724

[Restoring the Great Lakes' Coastal Future Technical Guidance for the Design and Implementation of Climate-Smart Restoration Projects.](#)  
National Wildlife Federation, Ann Arbor, MI. Great Lakes Natural Resource Center.; National Oceanic and Atmospheric Administration, Washington, DC.; Kresge Foundation, Troy, MI.  
2011, 72p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
55C - Meteorological Data Collection, Analysis, & Weather Forecasting

**Keywords:** Conservation, Restoration, Great Lakes Region, Coastal habitats, Freshwater reserves, Climate change, Environmental protection, Coastal ecosystems, Long-term effects, Species diversity, Environmental management

#### PB2016102720

[Assessing Wildlife Habitats and Natural Resources in Neighborhoods and Urban Environments.](#)  
Missouri Univ., Columbia. School of Natural Resources; Forest Service, Washington, DC.  
2013, 7p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
57Z - Zoology  
91G - Urban Administration & Planning

**Keywords:** Missouri, Natural resources management, Natural resource assessment tool, Conservation, Urban areas, Wildlife management, Wildlife habitats, Suburban areas, Land use, Vegetation

#### PB2016102725

[Climate Adaptation Strategy for Conservation and Management of Yellow-Cedar in Alaska.](#)  
Forest Service, Portland, OR. Pacific Northwest Research Station.  
2016, 392p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
98D - Agronomy, Horticulture, & Plant Pathology  
48D - Forestry  
55C - Meteorological Data Collection, Analysis, & Weather Forecasting

**Keywords:** Alaska, Forest management, Trees, Yellow-cedar trees, Alaska yellow-cedar, Alaska cedar, Callitropsis nootkatensis, Chamaecyparis nootkatensis, Climate change, Climate adaptation, Natural resources management, Ecology, Silvics

#### PB2016102719

[Establishing and Managing Riparian Forest Buffers.](#)  
Missouri Univ., Columbia; Agricultural Research Service, Washington, DC; Iowa State Univ., Ames. Cooperative Extension Service.  
2005, 20p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
68D - Water Pollution & Control  
98B - Agricultural Economics  
**Keywords:** Conservation, Riparian land, Water quality, Agroforestry, Land management, Farm income, Natural resources management, Environmental protection, Riparian Forest Buffers

#### PB2016102723

[Scanning the Conservation Horizon: A Guide to Climate Change Vulnerability Assessment.](#)  
National Wildlife Federation, Washington, DC.; Fish and Wildlife Service, Washington, DC.; National Park Service, Washington, DC.; Geological Survey, Reston, VA.; Rocky Mountain Research Station, Fort Collins, CO.  
2011, 176p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
55C - Meteorological Data Collection, Analysis, & Weather Forecasting  
**Keywords:** Conservation, Climate change, Vulnerability assessment, Natural resource management, Adaptation, Ecological impacts, Environmental impacts

#### PB2016102721

[Integrating Agroforestry Practices for Wildlife Habitat.](#)  
Missouri Univ., Columbia; Agricultural Research Service, Washington, DC.  
2008, 16p

##### Related Categories/Subcategories

48B - Natural Resource Management  
57H - Ecology  
57Z - Zoology  
98B - Agricultural Economics  
**Keywords:** Conservation, Wildlife management, Agroforestry, Land use, Farm land, Environmental sustainability, Agricultural economics

## LEGACY DOCUMENTS

Legacy Documents are documents in the repository and haven't been digitized. Digitization-on-demand for these documents is available to NTRL Subscribers.

#### CONF-761028-4

[Improving Automotive Fuel Economy with Accessory Drives. \(MS-4171\).](#)  
Garrett Corp., Phoenix, Ariz. Airesearch Mfg. Div. Energy Research and Development Administration.  
1976, 22p

##### Related Categories/Subcategories

85H [T Road Transportation  
81J [T Reciprocation & Rotating Combustion Engines  
97L [T Engine Studies (Energy Related)  
**Keywords:** Automobiles \*, Spark ignition engines\*, Air conditioning, Blowers, Carbon monoxide, Cooling systems, Electric generators, Equipment Exhaust gases, Fuel economy, Hydrocarbons, Nitrogen oxides, Performance testing, Pumps, Research programs

#### BERC/RI-76/1

[Investigation of the Fuel Economy Potential of Three Late-Model Automobiles.](#)  
Energy Research and Development Administration, Bartlesville, Okla. Bartlesville Energy Research Center. (ERDA)  
1976, 21p

##### Related Categories/Subcategories

97 Energy  
81J Reciprocation & Rotating Combustion Engines.  
**Keywords:** Automobiles \*, Exhaust gases \*, Catalytic converters, Dynamometers, Exhaust recirculation systems, Federal test procedure, Fuel consumption Identifier , Air pollution ,Fuel economy

#### PB-194 688

[Investigation of a Substitute Fuel to Control Automotive Air Pollution.](#)  
Consolidated Engineering Technology Corp., Mountain View, Calif.  
1970, 77p

##### Related Categories/Subcategories

68A Air Pollution & Control  
81A Combustion & Ignition  
81D Jet & Gas Turbine Engines  
**Keyword:** Air pollution, Exhaust gases, Spark ignition engines, Automotive fuels, Methyl alcohol

## CENDI (Commerce, Energy, NASA, Defense Information Managers Group)

CENDI (Commerce, Energy, NASA, Defense Information Managers Group) is an interagency group of senior Scientific and Technical Information (STI) managers from 14 United States federal agencies.

CENDI traces its roots to the Committee on Scientific and Technical Information (COSATI) of the Federal Council on Science and Technology. COSATI was established in the early 1960s to coordinate the management of the results from the U.S. government's increasing commitment to scientific research and technology development. The scientific and technical information (STI) managers of the government's major research and development (R&D) agencies worked within COSATI to standardize guidelines for cataloging and indexing technical reports. COSATI ceased formal operations in the early 1970s.

To continue the cooperation begun under COSATI, managers of agency STI programs from Commerce (National Technical Information Service), Energy (Office of Scientific and Technical Information), NASA (HQ/STI Division), and Defense (Defense Technical Information Center) began meeting periodically to discuss common topics and stimulate more effective cooperation.

In 1985, a Memorandum of Understanding was signed by the four charter agencies and CENDI was established. From this small core of STI managers, CENDI has grown to its current membership, which represents the major science agencies, the national libraries, and agencies involved in the dissemination and long-term management of scientific and technical information.

## Public Access Plans of U.S. Federal Agencies

*Additional Public Access Plans will be posted as agencies release them.*

In a memo released by the Office of Science and Technology Policy (OSTP) on February 22, 2013, each Federal agency with over \$100 million in annual conduct of research and development expenditures was directed to develop a plan to support increased public access to the results of research funded by the Federal Government. This included any results published in peer-reviewed scholarly publications that are based on research that directly arises from Federal funds, as defined in relevant OMB circulars (e.g., A-21 and A-11).

The full memo can be viewed at <https://www2.icsu-wds.org/files/ostp-public-access-memo-2013.pdf>.

Some agencies not subject to the OSTP memo are voluntarily developing Public Access Plans and are included below.

## Available Plans

- **Agency for International Development (Oct. 1, 2014)**  
<http://blog.usaid.gov/2014/10/announcing-usaids-open-data-policy/>
- **Department of Agriculture (Nov. 7, 2014)**  
<http://www.usda.gov/documents/USDA-Public-Access-Implementation-Plan.pdf> / (PB2015102892)
- **Department of Commerce**
  - **National Institute of Standards and Technology (Apr. 3, 2015)**  
<http://www.nist.gov/data/upload/NIST-Plan-for-Public-Access.pdf> / (PB2015104387)
  - **National Oceanic and Atmospheric Administration (Feb. 2015)**  
[http://docs.lib.noaa.gov/noaa\\_documents/NOAA\\_Research\\_Council/NOAA\\_PARR\\_Plan\\_v5.04.pdf](http://docs.lib.noaa.gov/noaa_documents/NOAA_Research_Council/NOAA_PARR_Plan_v5.04.pdf) / (PB2015102888)
- **Department of Defense (Feb. 2015)**  
[http://www.dtic.mil/dtic/pdf/DoD\\_PublicAccessPlan\\_Feb2015.pdf](http://www.dtic.mil/dtic/pdf/DoD_PublicAccessPlan_Feb2015.pdf)
- **Department of Energy (Jul. 24, 2014)**  
[http://energy.gov/sites/prod/files/2014/08/f18/DOE\\_Public\\_Access\\_Plan\\_FINAL.pdf](http://energy.gov/sites/prod/files/2014/08/f18/DOE_Public_Access_Plan_FINAL.pdf) / (PB2015101160)
- **Department of Health and Human Services**  
<http://www.hhs.gov/open/public-access/guiding-principles.html>
  - **Agency for Healthcare Research and Quality (Feb. 2015)**  
<http://www.ahrq.gov/funding/policies/publicaccess/index.html>
  - **Centers for Disease Control (Jan. 2015)**  
[http://www.cdc.gov/od/science/docs/Final-CDC-Public-Access-Plan-Jan-2015\\_508-Compliant.pdf](http://www.cdc.gov/od/science/docs/Final-CDC-Public-Access-Plan-Jan-2015_508-Compliant.pdf) / (PB2015102889)
  - **Food and Drug Administration (Feb. 27, 2015)**  
<http://www.fda.gov/downloads/ScienceResearch/AboutScienceResearchatFDA/UCM435418.pdf> / (PB2015102887)
  - **National Institutes of Health (Feb. 26, 2015)**  
<http://grants.nih.gov/grants/NIH-Public-Access-Plan.pdf> / (PB2015102891)
  - **Office of the Assistant Secretary for Preparedness and Response (Feb. 27, 2015)**  
<http://www.phe.gov/Preparedness/planning/science/Documents/AccessPlan.pdf> / (PB2015102888)
- **Department of the Interior**
  - **US Geological Survey (Feb. 19, 2015)**  
<http://www.usgs.gov/usgs-manual/im/IM-OSQI-2015-01.html>
- **National Aeronautics and Space Administration (Nov. 21, 2014)**  
[http://science.nasa.gov/media/medialibrary/2014/12/05/NASA\\_Plan\\_for\\_increasing\\_access\\_to\\_results\\_of\\_federally\\_funded\\_research.pdf](http://science.nasa.gov/media/medialibrary/2014/12/05/NASA_Plan_for_increasing_access_to_results_of_federally_funded_research.pdf)
- **National Science Foundation (Mar. 18, 2015)**  
<http://www.nsf.gov/pubs/2015/nsf15052/nsf15052.pdf> / (PB2015102890)
- **Veterans Administration (Feb. 1, 2015)**  
[http://www.research.va.gov/resources/policies/public\\_access.cfm](http://www.research.va.gov/resources/policies/public_access.cfm)

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**PB2016102794**

**Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2014.**  
Environmental Protection Agency, Washington, DC.  
2016, 558p

An emissions inventory that identifies and quantifies a country's primary anthropogenic sources and sinks of greenhouse gases is essential for addressing climate change. This inventory adheres to both (1) a comprehensive and detailed set of methodologies for estimating sources and sinks of anthropogenic greenhouse gases, and (2) a common and consistent mechanism that enables Parties to the United Nations Framework Convention on Climate Change (UNFCCC) to compare the relative contribution of different emission sources and greenhouse gases to climate change.

In 1992, the United States signed and ratified the UNFCCC. As stated in Article 2 of the UNFCCC, "The ultimate objective of this Convention and any related legal instruments that the Conference of the Parties may adopt is to achieve, in accordance with the relevant provisions of the Convention, stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system. Such a level should be achieved within a time-frame sufficient to allow ecosystems to adapt naturally to climate change, to ensure that food production is not threatened and to enable economic development to proceed in a sustainable manner."

**Major Subject Categories**

**Category Codes\*/Title**

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\* *Scope Notes define the specific topical content for each category;*

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\*\* *Quantities represent each new report assigned on average to 3-5 categories.*

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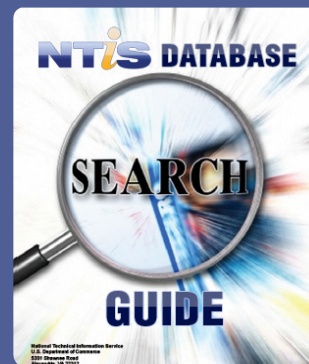
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| <a href="#">PB2016102705</a> | 48       | Assessment of the Effects of Conservation Practices on Cultivated Cropland in the Texas Gulf Basin. Summary of Findings.   |
| <a href="#">PB2016102713</a> | 48       | Best Practices for Integrating Ecosystem Services into Federal Decision Making.  |
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| <a href="#">PB2016102715</a> | 48       | Modeling Environmental Change: A Guide to Understanding Model Results That Explore the Impacts of Climate Change on Regional Environmental Systems.                                |
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| <a href="#">PB2016102722</a> | 48       | Restoration Works: Highlights from a Decade of Partnership between The Nature Conservancy and the National Oceanic and Atmospheric Administration's Restoration Center.            |
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